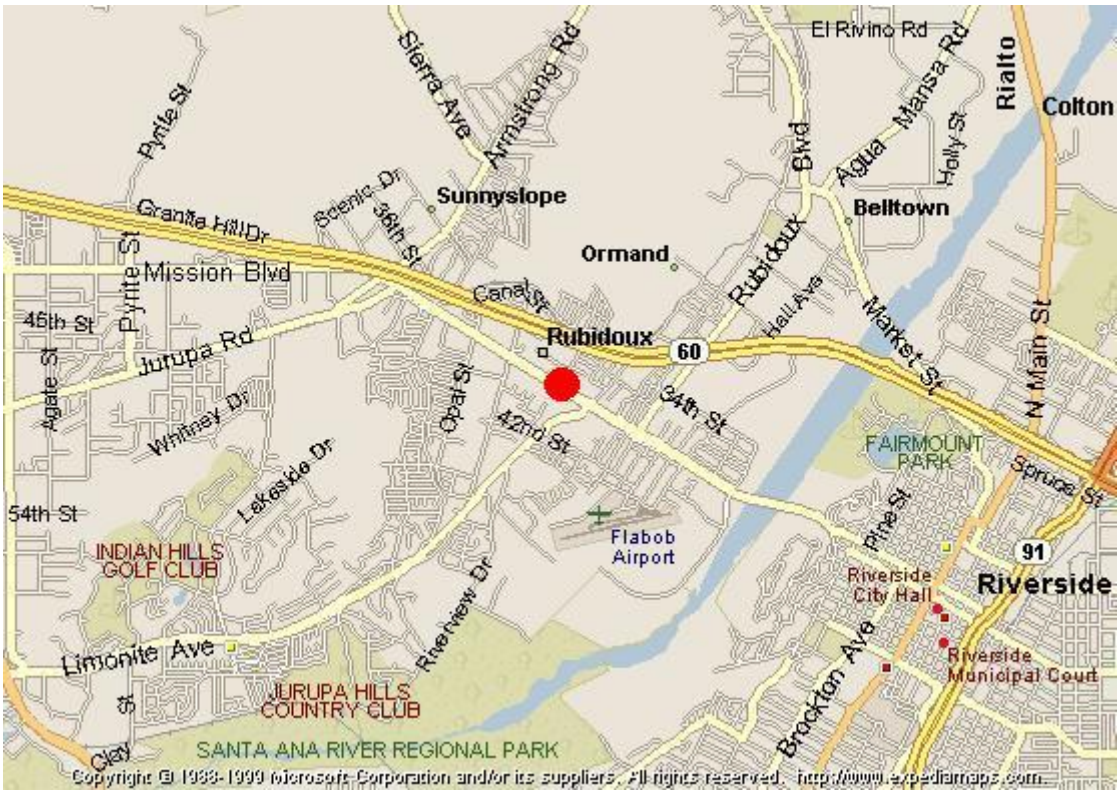
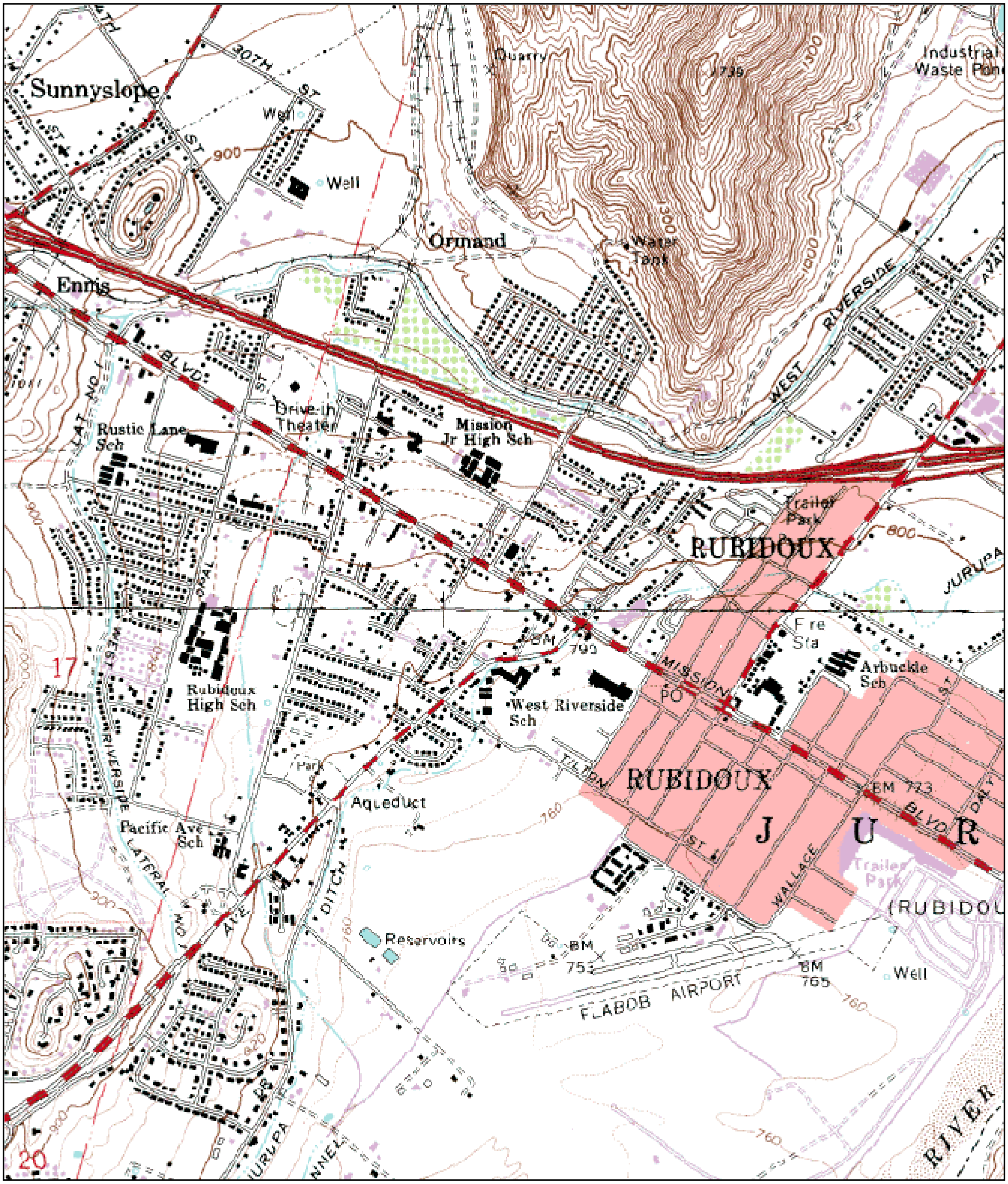
Quality Assurance
Site Survey Report for Riverside-Rubidoux

Last updated May, 2017



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060658001	33144	09/1972	South Coast AQMD (061)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
5888 Mission Blvd Riverside, CA 92509	Riverside	South Coast	33° 59' 58"N	117° 24' 57"W	248


Sunnyslope
30TH
ST
Well
Well
900
Quarry
1739
1300
Industrial
Waste Pond
Ormand
Water
Tank
Ennis
BLVD
WEST
RIVERSIDE
Drive-in
Theater
Mission
Jr High Sch
Rustic Lane
Sch
Trailer
Park
RUBIDOUX
800
JURUPA
Fire
Sta
BM
795
MISSION
PO
Arbuckle
Sch
17
Rubidoux
High Sch
West Riverside
Sch
TILTON
RUBIDOUX
BM 773
Park
Aqueduct
760
Pacific Ave
Sch
J
U
R
WALLACE
Trailer
Park
(RUBIDOUX
DITCH
Reservoirs
BM
753
BM
765
Well
FLABOB AIRPORT
760
RIVER
20

Detailed Site Information

Local site name	Riverside-Rubidoux
AQS ID	060658001
GPS coordinates (decimal degrees)	Latitude: 33° 59’ 58” Longitude: 117° 24’ 57”
Street Address	5888 Mission Blvd, Riverside, CA 92509
County	Riverside
Distance to roadways (meters)	119; 686
Traffic count (AADT, year)	20,000 / 2012; 60/Valley Way, 145,000, 2011
Groundcover (e.g. asphalt, dirt, sand)	Gravel
Representative statistical area name (i.e. MSA, CBSA, other)	40140-Riverside-San Bernardino-Ontario, CA MSA

Pollutant, POC	Carbon Monoxide, 1	Nitrogen Dioxide, 2	Ozone, 1	
Primary / QA Collocated / Other	N/A	N/A	N/A	
Parameter code	42101	42602	44201	
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	
Site type(s)	Population Exposure	Population Exposure	Highest Concentration	
Monitor (type)	SLAMS	SLAMS	SLAMS	
Network affiliation	PAMS/NATTS/NCore	PAMS/NATTS/NCore	PAMS/NATTS/NCore	
Instrument manufacturer and model	Horiba APMA 370	Thermo 42i	Thermo 49i	
Method code	158	074	047	
FRM/FEM/ARM/ other	FRM	FRM	FEM	
Collecting Agency	SCAQMD	SCAQMD	SCAQMD	
Analytical Lab (i.e.weigh lab, toxics lab, other)	N/A	N/A	N/A	
Reporting Agency	SCAQMD	SCAQMD	SCAQMD	
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Urban	Urban	
Monitoring start date (MM/DD/YYYY)	09/1972	09/1972	09/1972	
Current sampling frequency (e.g.1:3, continuous)	1:1	1:1	1:1	
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	N/A	N/A	
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	
Probe height (meters)	4	4	4	
Distance from supporting structure (meters)	1.52	1.52	1.52	
Distance from obstructions on roof (meters)	N/A	N/A	N/A	

Distance from obstructions not on roof (meters)	N/A	N/A	N/A	
Distance from trees (meters)	N/A	N/A	N/A	
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	
Distance between collocated monitors (meters)	N/A	N/A	N/A	
Unrestricted airflow (degrees)	360°	360°	360°	
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	Teflon	Teflon	Teflon	
Residence time for reactive gases (seconds)	7.3	9.2	8.4	
Will there be changes within the next 18 months? (Y/N)	No	No	No	
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	
Frequency of flow rate verification for manual PM samplers	N/A	N/A	N/A	
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	
Frequency of one-point QC check for gaseous instruments	Nightly	Nightly	Nightly	
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	03/30/2016	03/30/2016	03/30/2016	
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	N/A	N/A	

Pollutant, POC	Continuous PM2.5, PM Coarse, 9	Continuous PM2.5, 3	Continuous PM10, PM Coarse, 9	24 Hour VOCs, 4
Primary / QA Collocated / Other	Other	Other	Other	N/A

Parameter code	88502	88502	85101	See Table 26
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS/Research Support
Site type(s)	Highest Concentration	Highest Concentration	Highest Concentration	Highest Concentration
Monitor (type)	SLAMS	SPM	SLAMS	SLAMS
Network affiliation	N/A	N/A	N/A	NATTS
Instrument manufacturer and model	Met One BAM 1020	Thermo BAM 5014i	Met One BAM 1020	RM Env. 910
Method code	170	183	122	See Table 26
FRM/FEM/ARM/ other	FEM	FEM	FEM	Other
Collecting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Analytical Lab (i.e.weigh lab, toxics lab, other)	N/A	N/A	N/A	SCAQMD
Reporting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	12/2008	02/2006	07/30/2011	09/2007
Current sampling frequency (e.g.1:3, continuous)	1:1	1:1	1:1	1:6
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	N/A	N/A	N/A
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	4	4	4	4
Distance from supporting structure (meters)	2	2	2	1
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	N/A	N/A	N/A	N/A
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	1(Flow <200 lpm)	1(Flow <200 lpm)	4	N/A
Unrestricted airflow (degrees)	360°	360°	360°	360°
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A	N/A	Stainless steel

Residence time for reactive gases (seconds)	N/A	N/A	N/A	8.4
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	No, unless the manual sampler has missing data.	N/A	No	N/A
Frequency of flow rate verification for manual PM samplers	N/A	N/A	N/A	N/A
Frequency of flow rate verification for automated PM analyzers	Monthly	Monthly	Monthly	N/A
Frequency of one-point QC check for gaseous instruments	N/A	N/A	N/A	Semi Annually
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	06/16/2016, 12/09/2016	06/16/2016, 12/09/2016	06/16/2016, 12/09/2016	N/A

Pollutant, POC	24 Hour VOCs, 8	24 Hour VOCs, 2	3 Hour VOCs, 1	
Primary / QA Collocated / Other	QA Collocated	N/A	N/A	
Parameter code	See Table 26	See Table 26	See Table 26	
Basic monitoring objective(s)	Research support	Research support	Research support	
Site type(s)	Highest Concentration	Highest Concentration	Highest Concentration	
Monitor (type)	SLAMS	SLAMS	SLAMS	
Network affiliation	NATTS	PAMS	PAMS	
Instrument manufacturer and model	RM Env. 910	RM Env. 910	RM Env. 910/912 hour	
Method code	See Table 26	See Table 26	See Table 26	
FRM/FEM/ARM/ other	Other	Other	Other	
Collecting Agency	SCAQMD	SCAQMD	SCAQMD	
Analytical Lab (i.e.weigh lab, toxics lab, other)	SCAQMD	SCAQMD	SCAQMD	

Reporting Agency	SCAQMD	SCAQMD	SCAQMD	
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	
Monitoring start date (MM/DD/YYYY)	11/2004	07/2009	06/2009	
Current sampling frequency (e.g.1:3, continuous)	1:Every other month	1:6	1:3 Intensive season	
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	N/A	N/A	
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	07/01-09/30	
Probe height (meters)	4	4	4	
Distance from supporting structure (meters)	1	1	1	
Distance from obstructions on roof (meters)	N/A	N/A	N/A	
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	
Distance from trees (meters)	N/A	N/A	N/A	
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	
Distance between collocated monitors (meters)	N/A	N/A	N/A	
Unrestricted airflow (degrees)	360°	360°	360°	
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	Stainless steel	Stainless steel	Stainless steel	
Residence time for reactive gases (seconds)	8.3	6.3	6.3	
Will there be changes within the next 18 months? (Y/N)	No	No	No	
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	
Frequency of flow rate verification for manual PM samplers	N/A	N/A	N/A	
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	

Frequency of one-point QC check for gaseous instruments	Semi Annually	Semi Annually	Semi Annually	
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	N/A	N/A	

Pollutant, POC	VOCs, N/A	24 Hour PM2.5, 2	24 Hour PM2.5, 1	Speciated PM2.5, 11
Primary / QA Collocated / Other	N/A	QA Collocated	Primary	Primary
Parameter code	N/A	88101	88101	See Table 26
Basic monitoring objective(s)	Research support	NAAQS	NAAQS	Research support
Site type(s)	Highest Concentration	Highest Concentration	Highest Concentration	Highest Concentration
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network Affiliation	CA Air Toxics	N/A	N/A	N/A
Instrument manufacturer and model	RM Env. 910	Thermo 2025i PM2.5, B Sampler QA Collocated	Thermo 2025i PM2.5, A Sampler	Met One SASS
Method code	N/A	118, 145	118, 145	See Table 26
FRM/FEM/ARM/ other	Other	FRM	FRM	Other
Collecting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Analytical Lab (i.e.weigh lab, toxics lab, other)	ARB Toxics	SCAQMD	SCAQMD	SCAQMD
Reporting Agency	ARB	SCAQMD	SCAQMD	SCAQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	01/1989	01/03/1999	12/04/1998	10/13/2004
Current sampling frequency (e.g.1:3, continuous)	1:12	1:6	1:1	1:6
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	1:6	1:3	No CFR mandated sampling schedule.
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	4	3	3	3
Distance from supporting structure (meters)	1	1.6	1.6	1.6
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A

Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	N/A	10	10	10
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	N/A	1.5(Flow <200 lpm)	1.5(Flow <200 lpm)	2
Unrestricted airflow (degrees)	360°	360°	360°	360°
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	Stainless steel	N/A	N/A	N/A
Residence time for reactive gases (seconds)	8.3	N/A	N/A	N/A
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	Yes	Yes	N/A
Frequency of flow rate verification for manual PM samplers	N/A	Monthly	Monthly	Monthly
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	N/A
Frequency of one-point QC check for gaseous instruments	Semi Annually	N/A	N/A	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	04/28/2016 11/04/2016	04/28/2016 11/04/2016	04/28/2016 11/04/2016

Pollutant, POC	Speciated PM2.5, N/A	Speciated PM2.5, N/A	PM2.5 Carbon, N/A	PM2.5 Carbon, N/A
Primary / QA Collocated / Other	Primary	QA Collocated	Primary	QA Collocated
Parameter code	N/A	N/A	N/A	N/A
Basic monitoring objective(s)	NAAQS/Research support	NAAQS/Research support	NAAQS/Research support	NAAQS/Research support

Site type(s)	Highest Concentration	Highest Concentration	Highest Concentration	Highest Concentration
Monitor (type)	Research Support	Research Support	Research Support	Research Support
Network affiliation	STN	STN	STN	STN
Instrument manufacturer and model	Met One SASS, A Sampler	Met One SASS, B Sampler	URG-3000N, A Sampler	URG-3000N, B Sampler
Method code	N/A	N/A	N/A	N/A
FRM/FEM/ARM/ other	Other	Other	Other	Other
Collecting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Analytical Lab (i.e.weigh lab, toxics lab, other)	EPA STN	EPA STN	EPA STN	EPA STN
Reporting Agency	EPA	EPA	EPA	EPA
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	03/2001	03/2001	05/2007	05/2007
Current sampling frequency (e.g.1:3, continuous)	1:3	1:6	1:3	1:6
Calculated sampling frequency (e.g. 1:3/1:1)	1:3	1:3	1:3	1:3
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	3.0	3.0	3.0	3.0
Distance from supporting structure (meters)	2.0	2.0	2.0	2.0
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	N/A	N/A	N/A	N/A
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	1.5(Flow <200 lpm)	1.5(Flow <200 lpm)	1.5(Flow <200 lpm)	1.5(Flow <200 lpm)
Unrestricted airflow (degrees)	360°	360°	360°	360°
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A	N/A	N/A
Residence time for reactive gases (seconds)	N/A	N/A	N/A	N/A

Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers	Monthly	Monthly	Monthly	Monthly
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	N/A
Frequency of one-point QC check for gaseous instruments	N/A	N/A	N/A	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	04/28/2016 11/04/2016	04/28/2016 11/04/2016	N/A	N/A

Pollutant, POC	Lead, 2	PM10, 2	PM10, 4	Metals, CR6, Carbonyls, 1
Primary / QA Collocated / Other	N/A	Primary	QA Collocated	Primary
Parameter code	14129	See Table 26	See Table 26	See Table 26
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS
Site type(s)	Population Exposure	Highest Concentration	Highest Concentration	Highest Concentration
Monitor (type)	SLAMS	SLAMS	SLAMS	NATTS
Network affiliation	N/A	N/A	N/A	N/A
Instrument manufacturer and model	GMW 1200 TSP	Sierra Andersen 1200 SSI, A Sampler	Sierra Andersen 1200 SSI, B Sampler	RM Env. 924, A Sampler
Method code	110	063, 102	063, 102	See Table 26
FRM/FEM/ARM/ other	FRM	FRM	FRM	Other
Collecting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Analytical Lab (i.e.weigh lab, toxics lab, other)	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Reporting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	09/06/1990	01/01/1988	01/01/1988	01/2007

Current sampling frequency (e.g.1:3, continuous)	1:6	1:3	1:6	1:6
Calculated sampling frequency (e.g. 1:3/1:1)	1:6	1:6	1:6	No CFR mandated sampling schedule.
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	3.0	3.0	3.0	3.0
Distance from supporting structure (meters)	2.0	2.0	2.0	2.0
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	10	10	10	10
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	N/A	4	4	4
Unrestricted airflow (degrees)	360°	360°	360°	360°
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A	N/A	N/A
Residence time for reactive gases (seconds)	N/A	N/A	N/A	N/A
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers	Monthly	Monthly	Monthly	Monthly
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	N/A
Frequency of one-point QC check for gaseous instruments	N/A	N/A	N/A	N/A

Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	04/28/2016, 11/04/2016	04/28/2016, 11/04/2016	04/28/2016, 11/04/2016	N/A

Pollutant, POC	Metals, CR6, Carbonyls, 2	Metals, CR6, Carbonyls, N/A	Polycyclic Aromatic Hydrocarbons, 1	Polycyclic Aromatic Hydrocarbons, 2
Primary / QA Collocated / Other	QA Collocated	Primary	Primary	QA Collocated
Parameter code	See Table 26	N/A	N/A	N/A
Basic monitoring objective(s)	NAAQS	Research support	Research support	Research support
Site type(s)	Highest Concentration	Highest Concentration	Highest Concentration	Highest Concentration
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation	NATTS	CA Air Toxics	NATTS	NATTS
Instrument manufacturer and model	RM Env. 924, B Sampler	RM Env. 924	Tisch Env. PUF, A Sampler	Graseby PUF, B Sampler
Method code	See Table 26	N/A	N/A	N/A
FRM/FEM/ARM/ other	Other	Other	Other	Other
Collecting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Analytical Lab (i.e.weigh lab, toxics lab, other)	SCAQMD	ARB Toxics	ERG North Carolina	ERG North Carolina
Reporting Agency	SCAQMD	ARB	ERG North Carolina	ERG North Carolina
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	01/2007	01/1989	07/2007	07/2007
Current sampling frequency (e.g.1:3, continuous)	1:Every other month	1:12	1:6	1:Every other month
Calculated sampling frequency (e.g. 1:3/1:1)	No CFR mandated sampling schedule.	No CFR mandated sampling schedule.	No CFR mandated sampling schedule.	No CFR mandated sampling schedule.
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	3	3	3	3
Distance from supporting structure (meters)	2	2	2	2
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A

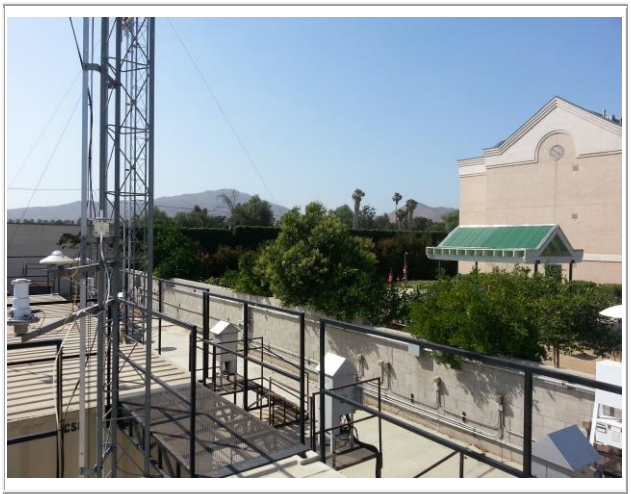
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	N/A	N/A	N/A	N/A
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	3	3	3	3
Unrestricted airflow (degrees)	360°	360°	360°	360°
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A	N/A	N/A
Residence time for reactive gases (seconds)	N/A	N/A	N/A	N/A
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers	Monthly	N/A	Monthly	Monthly
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	N/A
Frequency of one-point QC check for gaseous instruments	N/A	N/A	N/A	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	N/A	N/A	N/A

Pollutant, POC	Carbon Monoxide, 9	Sulfur Dioxide, 9	NOY, 9	
Primary / QA Collocated / Other	N/A	N/A	N/A	
Parameter code	42101	42401	42612	
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	
Site type(s)	Population Exposure	Population Exposure	Population Exposure	

Monitor (type)	SLAMS	SLAMS	SLAMS	
Network affiliation	NCore	NCore	NCore	
Instrument manufacturer and model	Teledyne 300EU	Thermo 43i-TLE	Thermo 42i-Y	
Method code	593	560	574	
FRM/FEM/ARM/ other	FRM	FEM	N/A	
Collecting Agency	SCAQMD	SCAQMD	SCAQMD	
Analytical Lab (i.e.weigh lab, toxics lab, other)	N/A	N/A	N/A	
Reporting Agency	SCAQMD	SCAQMD	SCAQMD	
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Urban	
Monitoring start date (MM/DD/YYYY)	03/30/2010	08/03/2010	08/19/2010	
Current sampling frequency (e.g.1:3, continuous)	1:1	1:1	1:1	
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	N/A	N/A	
Sampling season (MM/DD-MM/DD)	01/01/-12/31	01/01/-12/31	01/01/-12/31	
Probe height (meters)	4	4	4	
Distance from supporting structure (meters)	1.5	1.5	1.5	
Distance from obstructions on roof (meters)	N/A	N/A	N/A	
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	
Distance from trees (meters)	N/A	N/A	N/A	
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	
Distance between collocated monitors (meters)	N/A	N/A	N/A	
Unrestricted airflow (degrees)	360°	360°	360°	
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	Teflon	Teflon	Teflon	
Residence time for reactive gases (seconds)	4.2	5.8	5.8	
Will there be changes within the next 18 months? (Y/N)	No	No	No	

Is it suitable for comparison against the annual PM2.5? (Y/N)	No	No	No	
Frequency of flow rate verification for manual PM samplers	N/A	N/A	N/A	
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	
Frequency of one-point QC check for gaseous instruments	Weekly	Weekly	Weekly	
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	12/07/2016	12/07/2016`	12/08/2016	
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	N/A	N/A	

Riverside-Rubidoux
Site Photos



Looking North from the probe.

Looking East from the probe.

Looking South from the probe.

Looking West from the probe.

Riverside-Rubidoux
Site Photos (Cont.)

Looking at the probe from the North.

Looking at the probe from the East.

Looking at the probe from the South.

Looking at the probe from the West.